

## **STIC Biotechnology Systems Branch**

### **RAW SEQUENCE LISTING** **ERROR REPORT**

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/541,594A  
Source: 1 FWO  
Date Processed by STIC: 10/2/06

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE **CHECKER VERSION 4.4.0 PROGRAM**, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm>

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Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/ebc/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry, Federal Express, United Parcel Service, or other delivery service (EFFECTIVE 01/14/05):  
U.S. Patent and Trademark Office, Mail Stop Sequence, Customer Window, Randolph Building, 401 Dulany Street, Alexandria, VA 22314

Revised 01/10/06



IFWO

## RAW SEQUENCE LISTING

DATE: 10/02/2006

PATENT APPLICATION: US/10/541,594A

TIME: 14:28:06

Input Set : A:\275010.ST25.txt

Output Set: N:\CRF4\10022006\J541594A.raw

**Does Not Comply  
Corrected Diskette Needed**

3 <110> APPLICANT: Centre National de la Recherche Scient  
4 Ecole Morante Supérieure *Normale*  
5 Prochiantz, Alain  
6 Volovitch, Michel  
7 Trembleau, Alain  
8 Joliot, Alain  
9 Dupont, Edmond  
11 <120> TITLE OF INVENTION: Composition for intracellular transport of biological  
particles  
12 *or replace with*  
12 on macromolecules.  
14 <130> FILE REFERENCE: 275010US0XPCT *see pp 1-3*  
16 <140> CURRENT APPLICATION NUMBER: 10/541,594A  
C--> 17 <141> CURRENT FILING DATE: 2005-07-07  
19 <150> PRIOR APPLICATION NUMBER: PCT/FR03/03951  
20 <151> PRIOR FILING DATE: 2003-12-31  
22 <150> PRIOR APPLICATION NUMBER: FRANCE 03/00093  
23 <151> PRIOR FILING DATE: 2003-01-07  
25 <160> NUMBER OF SEQ ID NOS: 3  
27 <170> SOFTWARE: PatentIn version 3.3  
29 <210> SEQ ID NO: 1  
30 <211> LENGTH: 16  
31 <212> TYPE: PRT  
32 <213> ORGANISM: Drosophila melanogaster  
35 <220> FEATURE:  
36 <221> NAME/KEY: MISC\_FEATURE  
37 <222> LOCATION: (1)..(16)  
38 <223> OTHER INFORMATION: Helix 3 of the pAntp homeodomain  
40 <400> SEQUENCE: 1  
42 Arg Gln Ile Lys Ile Trp Phe Gln Asn Arg Arg Met Lys Trp Lys Lys  
43 1 5 10 15  
46 <210> SEQ ID NO: 2  
47 <211> LENGTH: 16  
48 <212> TYPE: PRT  
49 <213> ORGANISM: Artificial  
51 <220> FEATURE:  
52 <223> OTHER INFORMATION: Penetrin transduction domain motif. Xaa's at positions 1, 2,  
4, 9, 15 and 16 are nonhydrophobic amino acids. Xaa's at positions  
54 3, 7 and 14 are hydrophobic amino acids. Xaa's at positions 5,  
55 6, 8, and 10-13 are any amino acid. *Trp is at position 6 (p.3)*  
58 <220> FEATURE:  
59 <221> NAME/KEY: misc\_feature  
60 <222> LOCATION: (1)..(5)  
61 <223> OTHER INFORMATION: Xaa can be any naturally occurring amino acid

63 <220> FEATURE:

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64 <221> NAME/KEY: misc\_feature  
 65 <222> LOCATION: (7)..(16) /  
 66 <223> OTHER INFORMATION: Xaa can be any naturally occurring amino acid  
 68 <400> SEQUENCE: 2  
 W--> 70 Xaa Xaa Xaa Xaa Xaa **Trp** Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa  
 71 1 5 10 15  
 74 <210> SEQ ID NO: 3  
 75 <211> LENGTH: 16  
 76 <212> TYPE: PRT  
 77 <213> ORGANISM: Artificial  
 79 <220> FEATURE:  
 80 <223> OTHER INFORMATION: Penetrin transduction domain motif. Xaa's at positions 1, 2,  
 8,  
 81 13, 15 and 16 are nonhydrophobic amino acids. Xaa's at positions  
 82 3, 10 and 14 are hydrophobic amino acids. Xaa's at positions  
 83 4-7, 9, **11**, and 12 are any amino acid.  
 86 <220> FEATURE: *→ Trp is at position 11*  
 87 <221> NAME/KEY: misc\_feature  
 88 <222> LOCATION: (1)..(10)  
 89 <223> OTHER INFORMATION: Xaa can be any naturally occurring amino acid  
 91 <220> FEATURE:  
 92 <221> NAME/KEY: misc\_feature  
 93 <222> LOCATION: (12)..(16)  
 94 <223> OTHER INFORMATION: Xaa can be any naturally occurring amino acid  
 96 <400> SEQUENCE: 3  
 W--> 98 Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa **Trp** Xaa Xaa Xaa Xaa Xaa  
 99 1 5 10 15

RAW SEQUENCE LISTING ERROR SUMMARY  
PATENT APPLICATION: US/10/541,594A

DATE: 10/02/2006  
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Input Set : A:\275010.ST25.txt  
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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:2; Xaa Pos. ~~1,2,3,4,5,7,8,9,10,11,12,13,14,15,16~~  
Seq#:3; Xaa Pos. ~~1,2,3,4,5,6,7,8,9,10,12,13,14,15,16~~

Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete,  
per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:2,3

**VERIFICATION SUMMARY**

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Input Set : A:\275010.ST25.txt

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L:17 M:271 C: Current Filing Date differs, Replaced Current Filing Date

L:70 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:0

L:98 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:0